

MAY 23 2006



SILVERBROOK RESEARCH Pty Ltd

393 Darling Street Balmain NSW 2041 Australia

PO Box 207 Balmain NSW 2041 Australia

Phone: +61 2 9818 6633 Fax: + 61 2 9555 7762

Email: info@silverbrookresearch.com

ACN 066 573 671

FACSIMILE MESSAGE

Date May 24, 2006

To: Office of Petitions and Group Art Unit 2624

Fax No.: 0011 1 571 273 0025 and 0011 1 571 273 8300

Subject: United States Patent Application No. 09/505,003
Inventors/Assignors: Paul Lapstun and Kia Silverbrook
Assignee: SILVERBROOK RESEARCH PTY LTD
Our Ref: SP05US

Total Number of Pages (including this) : 35

Please find enclosed a Petition to Withdraw Abandonment in reply to the Notice of Abandonment mailed March 24, 2006, of Examiner Douglas Q. Tran.

Yours sincerely,

Paul Lapstun

Kia Silverbrook

Encl.

This facsimile contains information that is privileged and confidential, and is intended only for the use of the individual or entity named above. If you have received this facsimile in error, or if the transmission is not complete, please notify us immediately by telephone or facsimile.

MAY 23 2006

PTO/SB/21 (09-04)

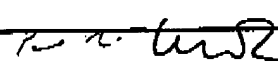
Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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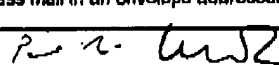
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/505003	
	Filing Date	15 February 2000	
	First Named Inventor	Kia Silverbrook	
	Art Unit	2624	
	Examiner Name	Douglas Q Tran	
Total Number of Pages in This Submission	35	Attorney Docket Number	SP05US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Confirmation copy to follow via courier
Remarks Email: kia.silverbrook@silverbrookresearch.com Telephone: 61-2-9818 6633 Facsimile : 61-2-9555 7762		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name			
Signature			
Printed name	Paul Lapstun and Kia Silverbrook		
Date	May 24, 2006	Reg. No.	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
Typed or printed name	Paul Lapstun and Kia Silverbrook	Date	May 24, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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MAY 23 2006

In the United States Patent and Trademark Office

Serial Number: 09/505,003
Application. Filed: February 15, 2000
Applicant: Paul Lapstun and Kia Silverbrook
Application Title: Printer controller for a high-speed printer
Examiner/GAU: Douglas Q. Tran 2624
Dated: May 24, 2006
At: BALMAIN, NSW
Docket No. SP05US

REQUEST TO WITHDRAW ABANDONMENT AND PETITION

Commissioner for Patents
Washington, District of Columbia 20231

Dear Sir:

In reply to the Notice of Abandonment mailed March 24, 2006, we hereby lodge a petition to WITHDRAW HOLDING OF ABANDONMENT.

The Notice of Abandonment states that the UPSTO Office Letter mailed on November 24, 2003 was not replied to. We confirm that the reply was faxed in response to the Office Letter mailed on November 24, 2003. We therefore enclose a petition the Commissioner to WITHDRAW HOLDING OF ABANDONMENT on this application.

A Declaration of my Patent Administrator, Leonie Frances News is enclosed, together with a List of Events.

We respectfully request favourable consideration of our petition.

Very respectfully,

06/12/2006 HDEMESS1 00000068 09505003

01 FC:1254

1590.00 OP

Applicants:



PAUL LAPSTUN

KIA SILVERBROOK

C/o:

Silverbrook Research Pty Ltd
393 Darling Street
Balmain NSW 2041, Australia

Email:

kia.silverbrook@silverbrookresearch.com

Telephone:

+612 9818 6633

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Appln No. 09/505,003
Amdt. Dated May 24, 2006
Response to Notice dated March 24, 2006

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Petition to Withdraw Holding of Abandonment under 37 CFR 1.181(a)

The Applicant hereby petitions under 37 CFR 1.181(a) requesting withdrawal of the holding of abandonment in the present application as per the Notice of Abandonment mailed March 24, 2006.

- In the Notice of Abandonment it is stated that no reply to the Office letter mailed on November 24, 2003, being a Notice of Non-Compliant Amendment, has been received by the Office.
- However, as detailed by the enclosed List of Events for the present application which provides a time-line of events leading to the receipt of the Notice of Abandonment, the Applicant filed a proper Reply to the Notice of Non-Compliant Amendment on January 21, 2004 (a copy of which is enclosed herewith).
- Further, as detailed by the enclosed List of Events, in response to the Examiner's email message request of April 5, 2005 (a copy of which is enclosed herewith), the Applicant further filed a petition and fee for an extension of time of four (4) months for the Reply (as evidenced by the enclosed copy of the facsimiled petition, facsimile transmission report and credit card payment form).
- Thus, the Applicant respectfully submits that a proper Reply to the Office letter identified in the Notice of Abandonment was filed by the Applicant together with the requisite time extension petition and fee required by the Examiner.
- The Applicant further respectfully submits that the Applicant has acted with diligence to resolve the issues encountered in the present application in an attempt to progress the prosecution thereof, as evidenced by the enclosed List of Events.

Appln No. 09/505,003
Amdt. Dated May 23, 2006
Response to Notice dated March 24, 2006

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- Accordingly, the Applicant respectfully requests withdrawal of the holding of abandonment in the present application.
- The Applicant remains at the Office's disposal if the Director requires any further information and/or evidence regarding the above matters.

Applicants:



PAUL LAPSTUN

KIA SILVERBROOK

C/o:

Silverbrook Research Pty Ltd

393 Darling Street

Balmain NSW 2041, Australia

Email:

kia.silverbrook@silverbrookresearch.com

Telephone:

+612 9818 6633

Facsimile:

+61 2 9555 7762

Commonwealth of Australia
Statutory Declarations Act 1959

STATUTORY DECLARATION

In the Matter of US Patent
Application No. 09/505,003
in the name of Paul Lapstun
and Kia Silverbrook

I LEONIE FRANCES NEWS of 393 Darling Street, Balmain, New South Wales, 2041,
Australia do solemnly and sincerely declare as follows:

1. I am the Patent Administrator of Silverbrook Research Pty Ltd and have held this position since 1 September 1999.
2. I have responsibility for maintaining files, preparing responses and forwarding the responses to Office Actions for the United States patent applications of Paul Lapstun and Kia Silverbrook and Silverbrook Research Pty Ltd, including US Patent Application No. 09/505,003 ("*The Patent Application*").
3. I received a Notice of Abandonment on The Patent Application stating that the reply was not timely filed at the USPTO to Office Letter mailed on November 24, 2003.
4. I then checked my file for The Patent Application and now state that the reply was faxed to the USPTO on The Patent Application on January 21, 2004. A list of Events is attached that describes each action that took place after January 21, 2004 and marked as Exhibit LFN-1.

And I make this solemn declaration aware of the penalties for false declarations under section 11 of the Statutory Declarations Act 1959 (Cwth of Australia).

Declared at Sydney)
This 23 day of May)
2006 by Leonie Frances)
News)


Leonie Frances News

Before me:)

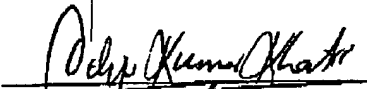

Dilip Kaltri
Justice of the Peace
Of New South Wales

Exhibit LFN-1

Appln No. 09/505,003
Amdt. Dated May 24, 2006
Response to Notice dated March 24, 2006

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USSN 09/505,003 - LIST OF EVENTS

1. January 21, 2004: Applicant receives a Notice of Non-Compliant Amendment dated November 24, 2003 regarding incorrect claim status identifier.
2. January 21, 2004: Applicant sends to the USPTO, via facsimile, Applicant's Reply to the Notice of Non-Compliant Amendment accompanied with an Amendment providing the appropriate claim status identifier and Remarks as to the belated receipt of the Notice of Non-Compliant Amendment, that is, pointing out the date of receipt of the Notice of Non-Compliant Amendment by Applicant – although there was no "Date sent" identified on the Notice of Non-Compliant Amendment.
3. September 15, 2004: Applicant sends email message to Examiner enquiring as to status of application.
4. December 29, 2004: Applicant sends further email message to Examiner again enquiring as to status of application.
5. January 4, 2005: Applicant receives email message from Examiner advising Applicant to contact Legal Instruments Examiner (LIE contact), not the Examiner regarding status.
6. January 4, 2005: Applicant sends email message to Examiner advising that LIE contact's name is "unreadable" on the Notice of Non-Compliant Amendment and therefore not contactable.
7. January 12, 2005: Applicant attempts to contact LIE contact via facsimile by guessing and matching with USPTO website's Employee Information Screen.
8. April 5, 2005: Applicant receives email message from Examiner requesting Applicant to pay four (4) month extension of time fee for reply to the Notice of Non-Compliant Amendment and that the fee and request be sent via the Examiner's direct facsimile number.
9. April 5, 2005: Applicant sends email message to Examiner requesting Application number to which the above email message pertains.
10. April 8, 2005: Applicant receives email message from Examiner identifying the Application number of the present application.
11. April 8, 2005: Applicant sends, via facsimile to Examiner's direct facsimile number (as requested by Examiner), petition and fee for four (4) month extension of time request and a copy of Applicant's Reply to the Notice of Non-Compliant Amendment. Applicant also sends an email message to Examiner

Appln No. 09/505,003
Amdt. Dated May 23, 2006
Response to Notice dated March 24, 2006

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confirming that petition and fees have been sent via facsimile to the Examiner as requested.

12. June 8, 2005: Applicant sends email message to Examiner enquiring as to status of application.
13. October 24, 2005: Applicant sends further email message to Examiner enquiring as to status of application.
14. October 25, 2005: Applicant receives email message from Examiner in which Examiner states that petition and fee for extension of time should not have been sent to Examiner but to the USPTO.
15. October 25, 2005: Applicant sends email message to Examiner outlining why petition and fee was sent to the Examiner, that is, as per the Examiner's request in the Examiner's above-noted April 5, 2006 email message, and enquiring as to status of application.
16. April 7, 2006: Applicant receives Notice of Abandonment mailed March 24, 2006 stating that no reply to the Office letter mailed on November 11, 2003, i.e., the Notice of Non-Compliant Amendment, was received by the USPTO.

*** TX REPORT ***

COPY

TRANSMISSION OK

TX/RX NO	1754
CONNECTION TEL	001117038729314
SUBADDRESS	
CONNECTION ID	
ST. TIME	21/01 13:02
USAGE T	03'38
PGS. SENT	7
RESULT	OK

**SILVERBROOK RESEARCH Pty Ltd**

393 Darling Street Balmain NSW 2041 Australia

PO Box 207 Balmain NSW 2041 Australia

Phone: +61 2 9818 6633 Fax: +61 2 9818 6711

Email: Info@silverbrookresearch.com

ACN 066 573 671

FACSIMILE MESSAGE

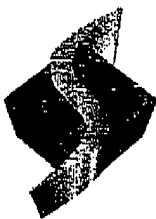
Date: January 21, 2004
To: Group Receptionist Art Unit 2624
Fax No.: 0011 1 703 872 9314
Subject: United States Patent Application No. 09/505,003
Inventors/Assignors: Paul Lapstun and Kia Silverbrook
Assignee: SILVERBROOK RESEARCH PTY LTD
Our Ref: SP05US

Total Number of Pages (including this) : 7

Attached is a response to the Office Communication dated November 24, 2003 of Examiner Douglas Q Tran.

Regards

PP: Leonie News
Silverbrook Research Pty Ltd

**SILVERBROOK RESEARCH Pty Ltd**

393 Darling Street Balmain NSW 2041 Australia

PO Box 207 Balmain NSW 2041 Australia

Phone: +61 2 9818 6633 Fax: + 61 2 9818 6711

Email: info@silverbrookresearch.com

ACN 066 573 671

FACSIMILE MESSAGE**COPY**

Date: **January 21, 2004**

To: **Group Receptionist Art Unit 2624**

Fax No.: **0011 1 703 872 9314**

Subject: **United States Patent Application No. 09/505,003**
Inventors/Assignors: Paul Lapstun and Kia Silverbrook
Assignee: SILVERBROOK RESEARCH PTY LTD

Our Ref: **SP05US**

Total Number of Pages (including this) : **7**

Attached is a response to the Office Communication dated November 24, 2003 of Examiner Douglas Q Tran.

Regards

AP: Leonie News
Silverbrook Research Pty Ltd

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PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/505,003
	Filing Date	February 15, 2000
	First Named Inventor	Paul Lapstun
	Art Unit	2624
	Examiner Name	Douglas Q. Tran
	Attorney Docket Number	SP05US
Total Number of Pages in This Submission		7

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks: Email: kia.silverbrook@silverbrookresearch.com Telephone: 61-2-9618-6633 Facsimile: 61-2-9566 77621		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Paul Lapstun and Kia Silverbrook c/Silverbrook Research Pty. Ltd. 393 Darling Street, Balmain, NSW, 2041, Australia	
Signature	<i>Paul Lapstun</i>	
Date	January 21, 2003	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Paul Lapstun and Kia Silverbrook	
Signature	<i>Paul Lapstun</i>	Date January 21, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

COPY**In the United States Patent and Trademark Office****RECEIVED
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Serial Number: 09/505,003
Application. Filed: February 15, 2000
Applicant: Paul Lapstun and Kia Silverbrook
Application. Title: A PRINTER CONTROLLER FOR A HIGH-SPEED PRINTER
Examiner/GAU: Douglas Q Tran/2624

Dated January 21, 2004
At: Balmain, NSW
Docket No. SP05US

REPLY

**Commissioner for Patents
Washington, District of Columbia 20231**

Dear Sir:

In response to the Office Communication of November 24, 2003, please amend the above-identified application as follows:

Amendments to the Claims begin on page 2 of this paper. The Applicant submits that these amendments introduce no new matter.

Remarks/Arguments begin on page 4 of this paper.

Appln No. 09/505,003
Amndt. Dated January 21, 2003
Response to Office Communication of November 24, 2003

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COPY**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A printer controller for an inkjet printer, the controller including:

a processing means for receiving incoming data relating to a description of a page to be printed, said descriptions containing color data and black text data;

a memory means in which the data are stored;

a rasterizing and compressing means for rasterizing and compressing the data, the compression of the color data and the black text data being effected separately from each other; and

a printhead ~~controller~~ engine for receiving, decompressing and processing said data for printing via a printhead under control of the printhead engine controller, the print engine controller including a local memory means for storing the compressed data when it is received.

2. (Original) The printer controller as claimed in claim 1 in which the rasterizing and compressing means includes at least one raster image processor (RIP) digital signal processor (DSP).

3. (Currently amended) The printer controller as claimed in claim 2 in which the, or each, RIP DSP communicates with the processing means via a data communications means, the processing means feeding and synchronizing the, or each, RIP DSP, the rasterizing and compressing means, and the printhead engine controller.

4. (Original) The printer controller as claimed in claim 3 in which the, or each, RIP DSP communicates with the memory means via the processing means and the data communications means for storing rasterized and compressed data in the memory means.

5. (Original) The printer controller as claimed in claim 1 in which the memory means is a hard disk which communicates with the processing means via a disk controller and a data communications means.

6. (Currently amended) In an inkjet printer controller, a method of printing a description of a page containing color data and black text data, the method including the steps of:

receiving said data relating to a description of a page to be printed from a host processor;

App'n No. 09/505,003

Amdt. Dated January 21, 2003

Response to Office Communication of November 24, 2003 3

COPY

storing the received data in a memory means;

rasterizing and compressing the received data to create a compressed page format, the compression of the color data and the black text data being effected separately from each other;

feeding the compressed page format data to a printhead engine controller; and

when the print engine controller receives the compressed page format data, storing the data in a local memory means of the printhead controller; and

expanding the compressed page format data in the printhead controller prior to printing of the image.

7. (Currently amended) The method as claimed in claim 6 which includes, prior to feeding the compressed page format data to the printhead engine controller, storing the compressed page format data in the memory means.

8. (Currently Amended) The method as claimed in claim 6 which includes, as the data are expanded, feeding the expanded data to at least one printhead engine controlled by the printhead controller.

9. (Cancelled).

Appln No. 09/505,003
Amdt. Dated January 21, 2003
Response to Office Communication of November 24, 2003

4

COPY**REMARKS/ARGUMENTS**

The Applicants re-submit the claims with the correct status identifiers as requested in the Notice of Non-Compliant Amendment (37 CFR 1.121) of November 24, 2004.

The Applicants respectfully submit that the Office Communication was belatedly received on January 21, 2004 as shown on the date stamp of the copy of the US Department of Commerce envelope. Therefore, the Applicants were unable to meet the deadline set out in the Notice.

The Applicants trusts that this will be acceptable to the Examiner.

Reconsideration and allowance of the application is courteously solicited.

Very respectfully,

Applicant:



PAUL LAPSTUN



KIA SILVERBROOK

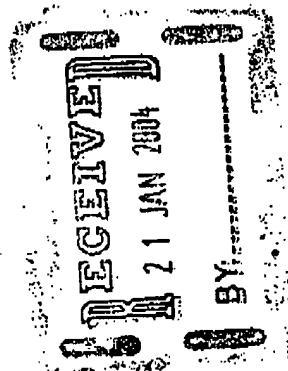
C/o: Silverbrook Research Pty Ltd
393 Darling Street
Balmain NSW 2041, Australia

Email: kia.silverbrook@silverbrookresearch.com

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Facsimile: +61 2 9555 7762

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PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

COPY**Pascale Hair**

From: Tran, Douglas [Douglas.Tran@USPTO.GOV]
Sent: Friday, 8 April 2005 12:15 AM
To: Pascale Hair
Subject: RE: Pay fee for 4 months]

Dear Pascal Hair,
I'm sorry for forgetting to let you know the application number.

the application number is 09/505,003 (or docket # SP05US)

Thank you for your response.

Douglas Tran

-----Original Message-----

From: Pascale Hair [mailto:pascale.hair@silverbrookresearch.com]
Sent: Tuesday, April 05, 2005 8:35 PM
To: Tran, Douglas
Subject: FW: Pay fee for 4 months]

Dear Examiner Tran,

Please advise which application number your email is applicable to (we have numerous applications with USPTO).

Many thanks

Pascale Hair
Patent Assistant
For Kia Silverbrook
Silverbrook Research Pty Ltd

----- Original Message -----

Subject: Pay fee for 4 months
Date: Tue, 5 Apr 2005 16:05:52 -0400
From: Tran, Douglas <Douglas.Tran@USPTO.GOV>
To: <kia.silverbrook@silverbrookresearch.com>

Dear Mr. LapsTun and Silverbrook,

the Examiner don't receive your response to the notice of non-compliance whi
we will still wait your response and you need to pay a fee for 4 months from

the paying fee will be faxed to my fax number: (571) 273-7442.

The Examiner
Douglas Tran

*** TX REPORT ***

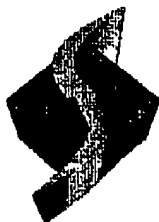


TRANSMISSION OK

TX/RX NO 4740
CONNECTION TEL 001115712737442
SUBADDRESS
CONNECTION ID
ST. TIME 08/04 18:05
USAGE T 08'18
PGS. SENT 18
RESULT OK

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**SILVERBROOK RESEARCH Pty Ltd**

393 Darling Street Balmain NSW 2041 Australia

PO Box 207 Balmain NSW 2041 Australia

Phone: +61 2 9818 6633 Fax: + 61 2 9555 7762

Email: info@silverbrookresearch.com

ACN 066 573 671

FACSIMILE MESSAGE

Date April 8, 2005

To: Group Art Unit 2624

Fax No.: 0011 1 571 273 7442

Subject: United States Patent Application No. 09/505,003
Inventors/Assignors: Paul Lapstun and Kia Silverbrook
Assignee: SILVERBROOK RESEARCH PTY LTD
Our Ref: SP05US

Total Number of Pages (including this) : 16

Please find enclosed a reply to the email communication dated April 8, 2005, of Examiner
Douglas Q Tran.

Regards,



Paul Lapstun



Kia Silverbrook

**SILVERBROOK RESEARCH Pty Ltd**

393 Darling Street Balmain NSW 2041 Australia

PO Box 207 Balmain NSW 2041 Australia

Phone: +61 2 9818 6633 Fax: + 61 2 9555 7762

Email: info@silverbrookresearch.com

ACN 066 573 671

FACSIMILE MESSAGE**COPY**

Date April 8, 2005
To: Group Art Unit 2624
Fax No.: 0011 1 571 273 7442
Subject: United States Patent Application No. 09/505,003
Inventors/Assignors: Paul Lapstun and Kia Silverbrook
Assignee: SILVERBROOK RESEARCH PTY LTD
Our Ref: SP05US

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Total Number of Pages (including this) : 16

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Regards,

Paul Lapstun

Kia Silverbrook

Encl.

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MAY 23 2006

PTO/SB/Z1 (09-04)

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TRANSMITTAL FORM	Application Number	09/505,003	
	Filing Date	February 15, 2000	
	First Named Inventor	Paul Lapstun	
	Art Unit	2824	
	Examiner Name	Douglas Q Tran	
(to be used for all correspondence after initial filing)		Attorney Docket Number	SP05US
Total Number of Pages in This Submission		16	

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Email: kia.silverbrook@silverbrookresearch.com Telephone: 61-2-9818-8633 Facsimile: 61-2-9555 7762		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name		
Signature	<i>Paul Lapstun</i>	
Printed name	Paul Lapstun and Kia Silverbrook	
Date	April 8, 2005	Reg. No.

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	<i>Paul Lapstun</i>		
Typed or printed name	Paul Lapstun and Kia Silverbrook	Date	April 8, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Serial Number: 09/505,003
Application Filed: February 15, 2000
Applicant: Paul Lapstun and Kia Silverbrook
Application Title: A PRINTER CONTROLLER FOR A HIGH-SPEED PRINTER
Examiner/GAU: Douglas Q Tran/2624

Dated April 8, 2005
At: Balmain, NSW
Docket No. SP05US

REPLY

Commissioner for Patents
Washington, District of Columbia 20231

Dear Examiner Tran,

Thank you for your email communication dated April 8, 2005.

Enclosed are:

- A copy of the reply dated January 21, 2004, to the Notice of Non-Compliance dated November 24, 2003, which was received by the USPTO as shown on the copy of the facsimile transmission report.
- A copy of the facsimile dated January 12, 2005 addressed to the Legal Instrument Examiner which was left unanswered.
- A petition for extension of time for four months, including fee.

Appln No. 09/505,003
Reply Dated April 8, 2005
To Email Communication Dated April 8, 2005

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COPY

As the reply to the Notice of Non-Compliance was timely sent and should the enclosures provide you with sufficient proof that it was transmitted, we would be grateful if you would let us know whether or not we will obtain a refund for the four months extension of time fee.

Very respectfully,

Applicants:



PAUL LAPSTUN



KIA SILVERBROOK

C/o: Silverbrook Research Pty Ltd
393 Darling Street
Balmain NSW 2041, Australia

Email: kia.silverbrook@silverbrookresearch.com

Telephone: +612 9818 6633

Facsimile: +61 2 9555 7762

 *** TX REPORT ***

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393 Darling Street Balmain NSW 2041 Australia

PO Box 207 Balmain NSW 2041 Australia

Phone: +61 2 9818 6633 Fax: +61 2 9555 7762

Email: info@silverbrookresearch.com

ACN 068 573 671

FACSIMILE MESSAGE

Date: **January 12, 2004/5**

To: **Group Art Unit 2600 - Attention Tammy Acree, LIE**

Fax No.: **0011 1 703 872 9306 -URGENT STATUS INQUIRY**

Subject: **United States Patent Application No. 09/505,003**
Inventors/Assignors: Paul Lapstun and Kia Silverbrook
Assignee: SILVERBROOK RESEARCH PTY LTD

Our Ref: **SP05US**

Total Number of Pages (including this): **1**

1. We received a Notice of Non-Compliant Amendment (37 CFR 1.121) dated November 24, 2003 on January 21, 2004.

2. We replied to the Notice of Non-Compliant Amendment via facsimile on January 21, 2004 and sent a set of claims with adequate status identifiers as required.

3. As we had not heard from the USPTO by September 15, 2004, we contacted Examiner Tran who referred us to the Legal Instrument Examiner.

Please let us know whether you received our reply to the Notice of Non-Compliant Amendment of January 21, 2004 and what the next step to be taken should be to have this application proceed as normal (please note it is virtually impossible for us to contact you via phone due to the time difference, hence the facsimile).

Regards

COPY**SILVERBROOK RESEARCH Pty Ltd**

393 Darling Street Balmain NSW 2041 Australia

PO Box 207 Balmain NSW 2041 Australia

Phone: +61 2 9818 6633 Fax: +61 2 9555 7762

Email: info@silverbrookresearch.com

ACN 066 573 671

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MAY 23 2006

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Total Number of Pages (including this) : /

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Regards

Paul Lapstun

Kia Silverbrook

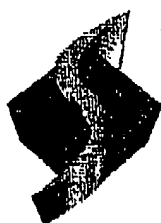
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ACN 086 573 671

FACSIMILE MESSAGE

Date January 21, 2004
To: Group Receptionist Art Unit 2624
Fax No.: 0011 1 703 872 9314
Subject: United States Patent Application No. 09/505,003
Inventors/Assignors: Paul Lapstun and Kia Silverbrook
Assignee: SILVERBROOK RESEARCH PTY LTD
Our Ref: SP05US

Total Number of Pages (including this) : 7

Attached is a response to the Office Communication dated November 24, 2003 of Examiner Douglas Q Tran.

Regards

PP Leonie News
Silverbrook Research Pty Ltd

**SILVERBROOK RESEARCH Pty Ltd**

393 Darling Street Balmain NSW 2041 Australia

PO Box 207 Balmain NSW 2041 Australia

Phone: +61 2 9818 6633 Fax: + 61 2 9818 6711

Email: info@silverbrookresearch.com

ACN 066 573 671

FACSIMILE MESSAGE**COPY**

Date January 21, 2004
To: Group Receptionist Art Unit 2624
Fax No.: 0011 1 703 872 9314
Subject: United States Patent Application No. 09/505,003
Inventors/Assignors: Paul Lapstun and Kia Silverbrook
Assignee: SILVERBROOK RESEARCH PTY LTD
Our Ref: SP05US

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Total Number of Pages (including this) : 7

Attached is a response to the Office Communication dated November 24, 2003 of Examiner Douglas Q Tran.

Regards


PP. Leonie News
Silverbrook Research Pty Ltd

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/505,003
	Filing Date	February 15, 2000
	First Named Inventor	Paul Lapstun
	Art Unit	2624
	Examiner Name	Douglas Q. Tran
	Attorney Docket Number	SP05US
Total Number of Pages in This Submission		7

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit(s)/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks: Email: kia.silverbrook@silverbrookresearch.com Telephone: 61-2-9818-6833 Facsimile: 61-2-9555 77621		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Paul Lapstun and Kia Silverbrook c/Silverbrook Research Pty. Ltd. 393 Darling Street, Balmain, NSW, 2041, Australia	
Signature	<i>Paul Lapstun</i>	
Date	January 21, 2003	

CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or printed name	Paul Lapstun and Kia Silverbrook		
Signature	<i>Paul Lapstun</i>	Date	January 21, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

COPY**In the United States Patent and Trademark Office****RECEIVED
CENTRAL FAX CENTER****MAY 23 2006**

Serial Number: 09/505,003
Application. Filed: February 15, 2000
Applicant: Paul Lapstun and Kia Silverbrook
Application. Title: A PRINTER CONTROLLER FOR A HIGH-SPEED PRINTER
Examiner/GAU: Douglas Q Tran/2624

Dated January 21, 2004
At: Balmain, NSW
Docket No. SP05US

REPLY

Commissioner for Patents
Washington, District of Columbia 20231

Dear Sir:

In response to the Office Communication of November 24, 2003, please amend the above-identified application as follows:

Amendments to the Claims begin on page 2 of this paper. The Applicant submits that these amendments introduce no new matter.

Remarks/Arguments begin on page 4 of this paper.

COPY

Appn No. 09/505,003
Amndt. Dated January 21, 2003
Response to Office Communication of November 24, 2003

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A printer controller for an inkjet printer, the controller including:

a processing means for receiving incoming data relating to a description of a page to be printed, said descriptions containing color data and black text data;

a memory means in which the data are stored;

a rasterizing and compressing means for rasterizing and compressing the data, the compression of the color data and the black text data being effected separately from each other; and

a printhead ~~controller-engine~~ for receiving, decompressing and processing said data for printing via a printhead under control of the printhead engine controller, the print engine controller including a local memory means for storing the compressed data when it is received.

2. (Original) The printer controller as claimed in claim 1 in which the rasterizing and compressing means includes at least one raster image processor (RIP) digital signal processor (DSP).

3. (Currently amended) The printer controller as claimed in claim 2 in which the, or each, RIP DSP communicates with the processing means via a data communications means, the processing means feeding and synchronizing the, or each, RIP DSP, the rasterizing and compressing means, and the printhead engine controller.

4. (Original) The printer controller as claimed in claim 3 in which the, or each, RIP DSP communicates with the memory means via the processing means and the data communications means for storing rasterized and compressed data in the memory means.

5. (Original) The printer controller as claimed in claim 1 in which the memory means is a hard disk which communicates with the processing means via a disk controller and a data communications means.

6. (Currently amended) In an inkjet printer controller, a method of printing a description of a page containing color data and black text data, the method including the steps of:

receiving said data relating to a description of a page to be printed from a host processor;

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Appln No. 09/505,003
Amndt. Dated January 21, 2003
Response to Office Communication of November 24, 2003

3

storing the received data in a memory means;

rasterizing and compressing the received data to create a compressed page format, the compression of the color data and the black text data being effected separately from each other;

feeding the compressed page format data to a printhead engine controller; and

when the print engine controller receives the compressed page format data, storing the data in a local memory means of the printhead controller; and

_____ expanding the compressed page format data in the printhead controller prior to printing of the image.

7. (Currently amended) The method as claimed in claim 6 which includes, prior to feeding the compressed page format data to the printhead engine controller, storing the compressed page format data in the memory means.

8. (Currently Amended) The method as claimed in claim 6 which includes, as the data are expanded, feeding the expanded data to at least one printhead engine controlled by the printhead controller.

9. (Cancelled).

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Appln No. 09/505,003

Amdt. Dated January 21, 2003

Response to Office Communication of November 24, 2003

4

REMARKS/ARGUMENTS

The Applicants re-submit the claims with the correct status identifiers as requested in the Notice of Non-Compliant Amendment (37 CFR 1.121) of November 24, 2004.

The Applicants respectfully submit that the Office Communication was belatedly received on January 21, 2004 as shown on the date stamp of the copy of the US Department of Commerce envelope. Therefore, the Applicants were unable to meet the deadline set out in the Notice.

The Applicants trusts that this will be acceptable to the Examiner.

Reconsideration and allowance of the application is courteously solicited.

Very respectfully,

Applicant:



PAUL LAPSTUN

KIA SILVERBROOK

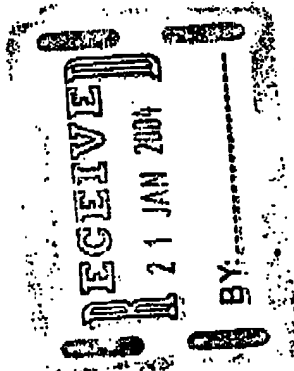
C/o: Silverbrook Research Pty Ltd
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